

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113903.D
 Acq On : 23 Apr 2019 2:40
 Operator : JU/SJ
 Sample : K2199-15 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-041819-B

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.516	579	583	596	rVB	773440	749475	36.73%	3.714%
2	6.516	749	753	756	rBV	932036	752701	36.89%	3.730%
3	6.663	774	778	782	rBV	971363	814326	39.91%	4.036%
4	6.898	814	818	822	rBV	1337412	1039938	50.97%	5.154%
5	7.057	841	845	848	rBV	689501	624070	30.58%	3.093%
6	7.451	908	912	915	rBV	505620	419535	20.56%	2.079%
7	8.181	1032	1036	1039	rBV	1615957	1263420	61.92%	6.261%
8	9.251	1215	1218	1222	rBV	1163269	886096	43.43%	4.391%
9	9.592	1272	1276	1278	rBV	30416	26901	1.32%	0.133%
10	9.639	1282	1284	1290	rVB	64376	65645	3.22%	0.325%
11	9.792	1307	1310	1315	rBV	57131	45774	2.24%	0.227%
12	9.933	1330	1334	1338	rBV2	1690054	1469087	72.00%	7.280%
13	9.969	1338	1340	1344	rVB	47770	37804	1.85%	0.187%
14	10.139	1365	1369	1372	rBV	41711	39596	1.94%	0.196%
15	10.480	1424	1427	1433	rBV	80774	72449	3.55%	0.359%
16	10.716	1463	1467	1472	rBV	678907	616353	30.21%	3.054%
17	10.839	1485	1488	1494	rBV3	45144	57043	2.80%	0.283%
18	11.027	1514	1520	1523	rBV3	30692	42649	2.09%	0.211%
19	11.222	1550	1553	1557	rVB2	27272	27746	1.36%	0.138%
20	11.286	1562	1564	1567	rVV2	43170	46668	2.29%	0.231%
21	11.316	1567	1569	1574	rVB2	62569	58814	2.88%	0.291%
22	11.422	1583	1587	1589	rBV	1949304	1698674	83.25%	8.418%
23	11.445	1589	1591	1594	rVV	597092	477162	23.38%	2.365%
24	11.492	1597	1599	1602	rVV	184065	140289	6.88%	0.695%
25	11.527	1602	1605	1608	rVV2	26929	30299	1.48%	0.150%
26	11.639	1620	1624	1627	rBV	55240	64198	3.15%	0.318%
27	11.716	1634	1637	1639	rBV	58671	44788	2.19%	0.222%
28	11.751	1640	1643	1648	rVB2	35009	36746	1.80%	0.182%
29	11.921	1666	1672	1674	rBV	124551	133997	6.57%	0.664%
30	11.945	1674	1676	1681	rVB	172151	174319	8.54%	0.864%
31	11.992	1681	1684	1687	rBV	51406	53481	2.62%	0.265%
32	12.033	1687	1691	1693	rVV2	186186	200554	9.83%	0.994%
33	12.057	1693	1695	1699	rVB	88197	77001	3.77%	0.382%
34	12.121	1703	1706	1709	rVB	55316	44806	2.20%	0.222%

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35	12.216	1719	1722	1724	rBV	71052	64111	3.14%	0.318%
36	12.233	1724	1725	1730	rVB2	49460	42776	2.10%	0.212%
37	12.345	1742	1744	1746	rBV2	22478	24887	1.22%	0.123%
38	12.368	1746	1748	1750	rVB	32420	23614	1.16%	0.117%
39	12.398	1750	1753	1755	rBV	44960	48242	2.36%	0.239%
40	12.469	1762	1765	1768	rBV	107280	106481	5.22%	0.528%
41	12.510	1768	1772	1777	rVB3	114965	159129	7.80%	0.789%
42	12.551	1777	1779	1784	rBV3	57043	71457	3.50%	0.354%
43	12.633	1789	1793	1796	rBV	998281	845273	41.43%	4.189%
44	12.727	1806	1809	1811	rBV2	54145	58568	2.87%	0.290%
45	12.863	1826	1832	1834	rBV	807079	898275	44.02%	4.452%
46	12.998	1852	1855	1863	rVB	1327488	1172696	57.47%	5.812%
47	13.080	1865	1869	1871	rBV3	81408	110376	5.41%	0.547%
48	13.163	1881	1883	1884	rBV2	58256	50074	2.45%	0.248%
49	13.186	1885	1887	1890	rVB	182770	151680	7.43%	0.752%
50	13.239	1893	1896	1897	rBV	81519	79758	3.91%	0.395%
51	13.292	1902	1905	1913	rVV2	111452	130304	6.39%	0.646%
52	13.386	1919	1921	1923	rVB	74046	55260	2.71%	0.274%
53	13.415	1923	1926	1928	rBV	81575	73691	3.61%	0.365%
54	13.580	1952	1954	1957	rBV2	73607	66086	3.24%	0.328%
55	14.057	2030	2035	2038	rBV2	1840689	2040479	100.00%	10.112%
56	14.080	2038	2039	2043	rVB	359036	214832	10.53%	1.065%
57	15.104	2210	2213	2216	rBV	202417	284394	13.94%	1.409%
58	15.539	2283	2287	2290	rBV	910854	1073678	52.62%	5.321%

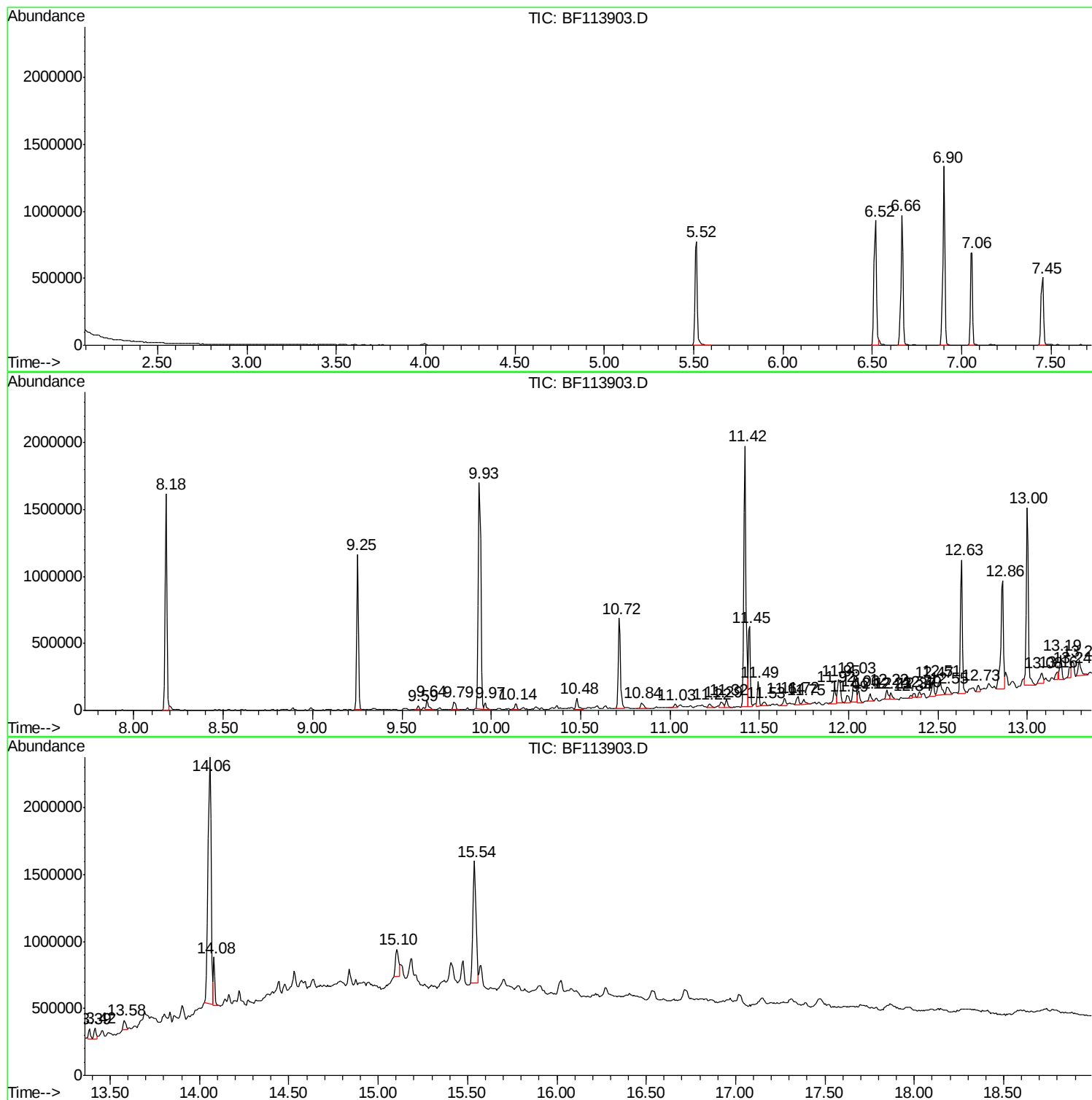
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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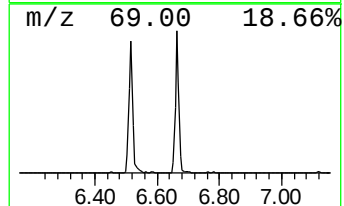
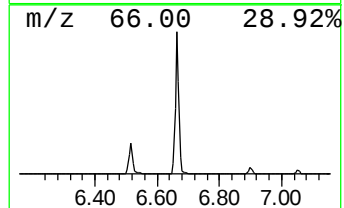
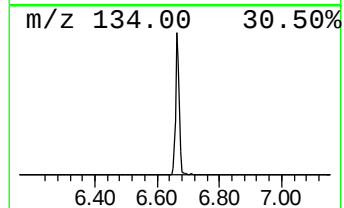
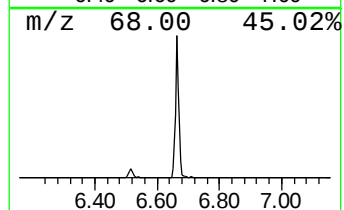
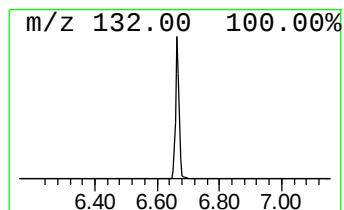
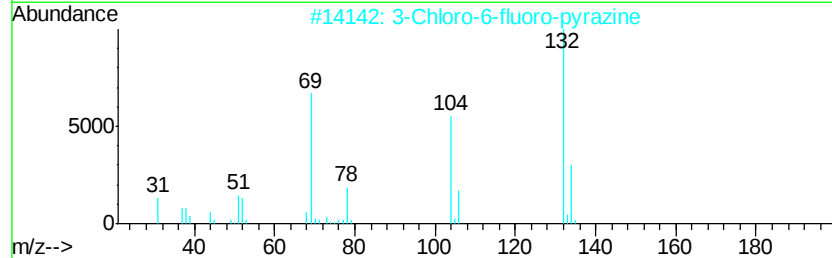
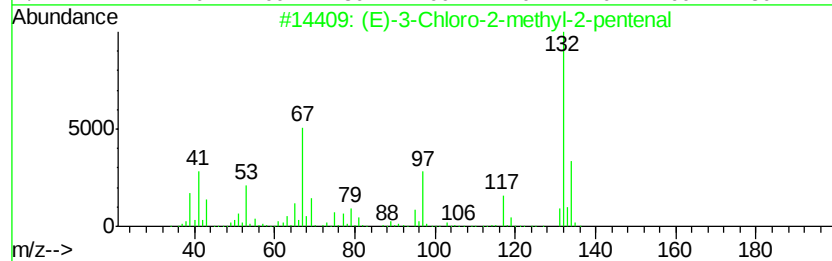
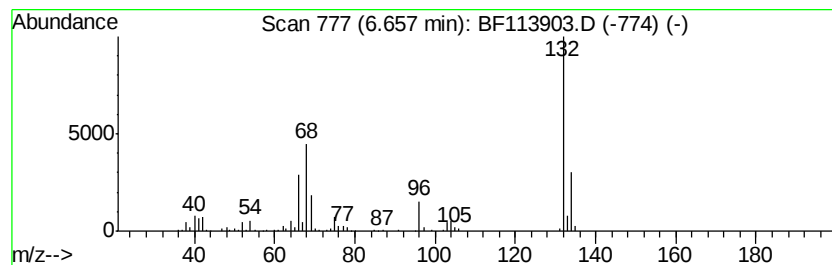
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	15.66 ng	814326	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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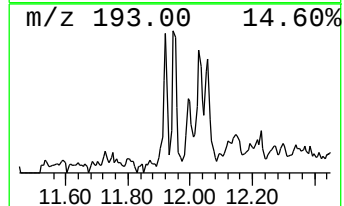
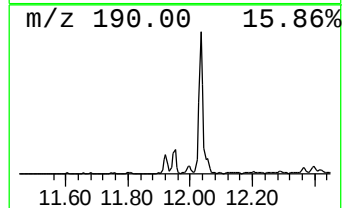
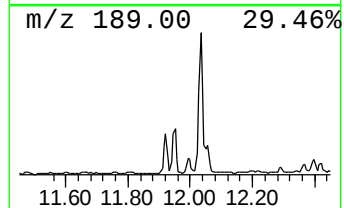
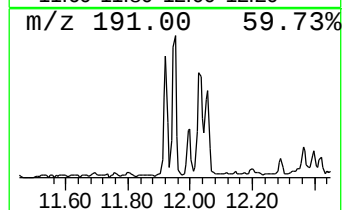
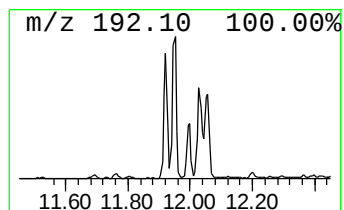
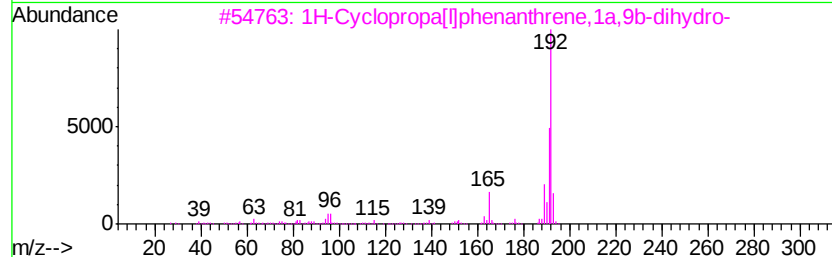
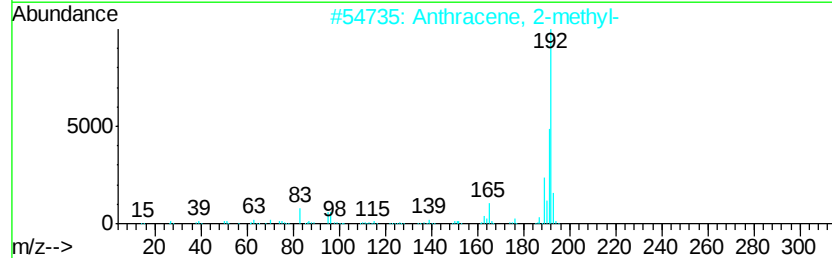
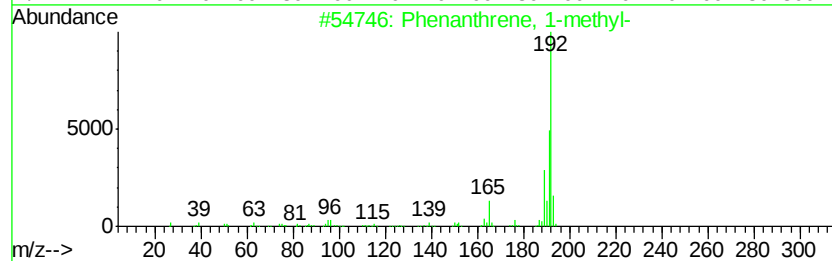
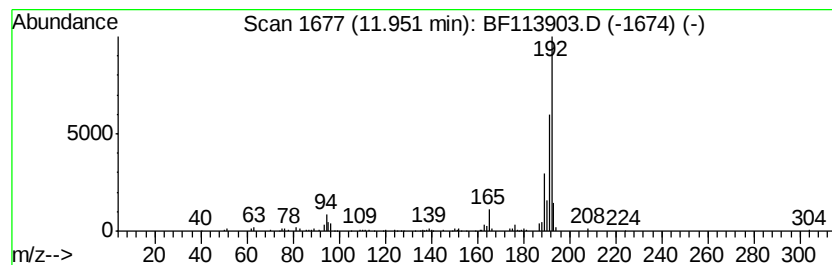
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Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	2.05 ng	174319	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



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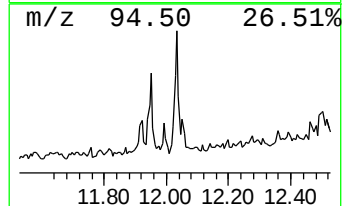
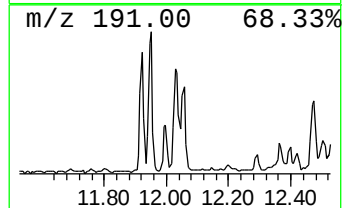
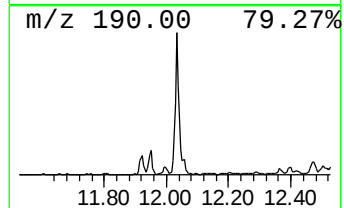
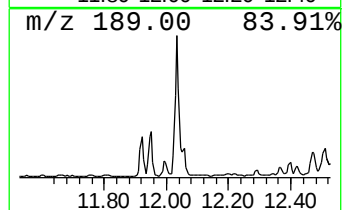
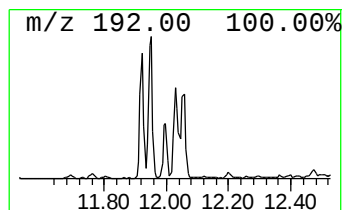
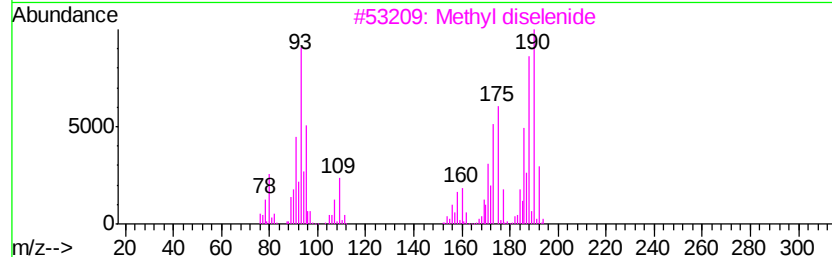
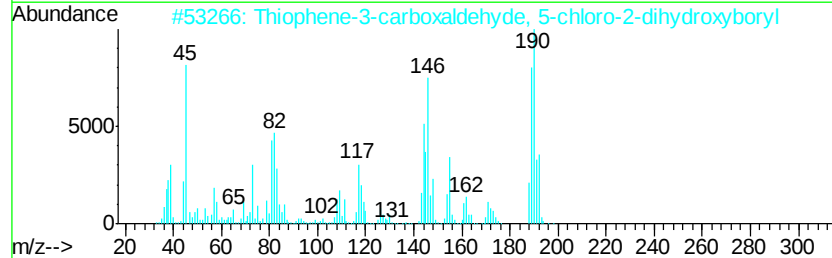
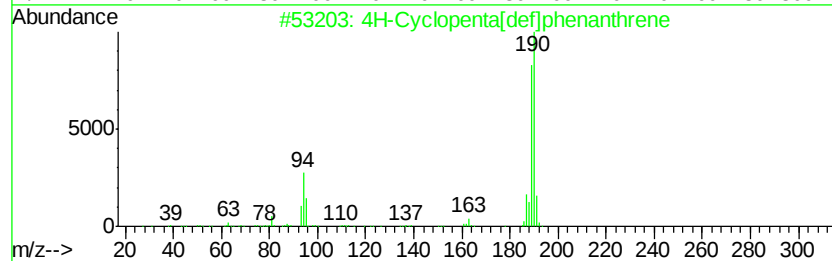
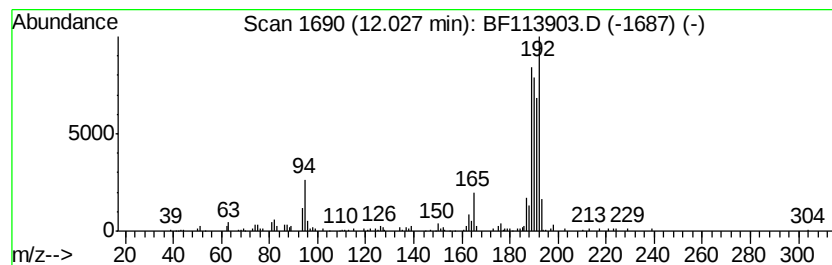
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Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.36 ng	200554	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3		Methyl diselenide	190	C2H6Se2	007101-31-7	45
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.66	6.66	15.7	ng	814326	1	6.90	1039940	20.0
Phenanthrene, 1-m...	11.95	2.0	ng	174319	4	11.42	1698670	20.0
4H-Cyclopenta[def...	12.03	2.4	ng	200554	4	11.42	1698670	20.0